PATENT
Attorney Docket No.: 018941001400
Client Reference No.: B01-051

#21/2/A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Yong-Hwan Moon *et al.*

Application No.: 09/828,068

Filed: April 6, 2001

For: NUCLEIC ACIDS THAT CONTROL REPRODUCTIVE DEVELOPMENT IN PLANTS

Art Unit:

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks.

IN THE SPECIFICATION:

Please substitute the following new paragraphs in the specification:

On page 24, paragraph beginning at line 10:

The EMF1 gene (GenBank accession number: AF319968) encodes a predicted 121.7 kDA protein with similarity to two *Arabidopsis* EST clones (GenBank accession number N96450 and Z46543) and to a hypothetical protein from the rice genomic sequencing project (GenBank accession number BAA94774.1).

A1

On page 24, paragraph beginning at line 14:

To better characterize the rice EMF1 homolog (OsEMF1), we isolated the corresponding cDNA clone by the rapid amplification of cDNA ends (RACE) technique. The OsEMF1 cDNA of 3896 nucleotides (GenBank accession number AF326768) predicts a 1057 amino acid polypeptide (estimated molecular weight, 116.4 kDA) that is 328 amino acids shorter than the predicted protein in BAA94774.1. The organization of introns and exons predicted at the 5' end in BAA94774.1 was not confirmed by the sequence of the OsEMF1 cDNA. The OsEMF1 cDNA is likely to include a complete open reading frame because several stop codons are found in all the three possible reading frames upstream of a first ATG initiating the 1057